



Flora of Gulmarg – the famous health resort of Kashmir Valley

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Gulmarg is one of the rich turfs situated to the west of Srinagar at a distance of about 51 km. It extends between 74° 28' to 74° 31' East longitude at an altitude of about 2676 m.asl. Gulmarg's legendary beauty, prime location and proximity to Srinagar naturally make it one of Asia's premier hill resorts. Originally called 'Gaurimarg' by shepherds, Gulmarg was discovered in the 16th century by Sultan Yusuf, who was inspired by the sight of its grassy slopes emblazoned with wild flowers. It was also a favorite resort of the Mughal Emperor Jahangir, who changed the name to Gulmarg (Meadow of Flowers) rightly attributed to the profusion of flowers he collected at the place. The

region being completely mountains the topography of the area is most uneven. Gulmarg is considered one of the famous health resorts of Kashmir which receives national and international tourists in lacks throughout the year. During winter Gulmarg is also known for skiing in which both national and international players participate every year.

Various topographic factors like altitude, steepness of the slope, exposure of slopes to light and winds and direction of mountain chains affects the vegetation at all levels. This beauty is further boasted by the rich flora which is present in the region.

Table 1 : Deciduous trees

Sr. No.	Species	Landscape use
1.	<i>Acer caecium</i> .	Shade/Shelter, Specimen, Screening, City streets/road sides, gardens
2.	<i>Aesculusindica</i> .	Shade/Shelter, Specimen, Woodland gardens
3.	<i>Ailanthus altissima</i> .	Specimen, City streets/road sides, gardens
4.	<i>Betulautilis</i> .	Specimen, Group planting
5.	<i>Celtisaustralis</i> .	Shade/Shelter, Specimen, City streets/road sides, gardens
6.	<i>Coryluscolumna</i> .	Specimen, City streets/road sides, gardens
7.	<i>Crataegussongarica</i> .	Hedge, Specimen, City streets/road sides
8.	<i>Euonymoushamiltonianus</i>	Specimen, screening
9.	<i>Morus alba</i>	Shade/Shelter, Screening, City streets/road sides
10.	<i>Parrotiopsisjacquemontiana</i> .	Specimen, Shrubbery
11.	<i>Platanusorientalis</i> .	Shade/Shelter, Specimen, Wind break, Avenue, City streets/road sides
12.	<i>Populous alba</i>	Specimen, Screening, Wind break
13.	<i>Populous ciliate</i>	Screening, Wind break, Avenue, City streets/road sides
14.	<i>Populus deltoids</i> .	Screening, Wind break, Avenue, City streets/road sides
15.	<i>Prunuscornuta</i> .	Shade/Shelter, Specimen
16.	<i>Quercusrobur</i>	Shade/Shelter, Specimen, Screening, Wind break
17.	<i>Robina pseudo acacia</i> .	Specimen
18.	<i>Salix alba</i> .	Wind break
19.	<i>Salix babylonica</i>	Specimen, Screening, Avenue

Table 2 : Broad leaf and narrow leaf evergreen trees

Sr. No.	Species	Landscape use
Broad leaf evergreen trees		
1.	<i>Prunuslusitanica</i>	Shade/Shelter, specimen, Wind Break, City streets/road sides
2.	<i>Quercusbaloot</i>	Hedge, specimen, Screening, Wind Break, City streets/road sides

Table 2 contd...

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Narrow leaf evergreen trees		
1.	<i>Abiespindrow</i> L.	Specimen, Screening, Frame work, group planting, Containers
2.	<i>Abiesspectabilis</i>	Screening
3.	<i>Cedrusdeodara</i> .	Specimen, Screening, Wind break, Frame work, Avenue, Rockery, group planting, Containers
4.	<i>Juniperusindica</i> .	Specimen, Screening, Wind break, Frame work, Against walls
5.	<i>Juniperusrecurva</i>	Shrubbery, Rockery, Against walls, Containers
6.	<i>Piceasmithiana</i>	Shade/Shelter, Specimen, Wind break, Frame work, Rockery, Against walls, Containers
7.	<i>Pinuswallichiana</i> , Jackson.	Shade/Shelter, Specimen, Screening, Wind break, Containers
8.	<i>Taxusbaccata</i> .	Hedge, Avenue, Shrubbery, Specimen, Wind break, Frame work, Rockery, City streets/road sides, group planting, Against walls, Topiaris, Woodland gardens, Containers

Table 3 : Deciduous shrubs

Sr. No.	Species	Landscape use
1.	<i>Berberisthunbergii</i> .	Hedge, Specimen, Avenue, Rockery, Shrubbery, Containers, Group planting
2.	<i>Berberis vulgaris</i> .	Hedge, Specimen, Rockery, Shrubbery, Group planting
3.	<i>Cotoneaster baccillaris</i> .	Screening, standards
4.	<i>Cotoneaster microphyllus</i> .	Hedge, Specimen, Rockery
5.	<i>Cotoneaster numularia</i>	Hedge, Rockery, Shrubbery
6.	<i>Euonymoushamiltonianus</i> .	Hedge, Specimen, Screening, Rockery, Shrubbery, Against walls
7.	<i>Indigoferaheterantha</i> Wall.	Rockery, Shrubbery, Against walls
8.	<i>Jasminumhumile</i>	Hedge, Rockery, Against walls, Standards
9.	<i>Loniceraquinquelocularis</i> .	Hedge, Specimen, Shrubbery
10.	<i>Parrotiopsisjacquemontiana</i> .	Shade/ shelter, Specimen, Shrubbery, Containers
11.	<i>Prunusprostrata</i> .	Rockery, Shrubbery, Containers, Group planting
12.	<i>Rabdosiarugosa</i> .	Rockery, Shrubbery
13.	<i>Ribesorientale</i> .	Hedge, Shrubbery, Against walls
14.	<i>Rosa foetida</i> .	Hedge, Specimen, Shrubbery
15.	<i>Rosa macrophylla</i> .	Hedge, Specimen, Shrubbery
16.	<i>Rosa webbiana</i> .	Specimen, Shrubbery
17.	<i>Rubusfruticosus</i> var. <i>discolour</i>	Shrubbery, Against walls
18.	<i>Sorbariatomentosa</i> .	Shrubbery, Woodland gardens
19.	<i>Viburnum grandiflorum</i>	Hedge, Specimen, Shrubbery, Standards, Group planting, Woodland gardens

Table 4 : Broad leaf and narrow leaf evergreen shrubs

Sr. No.	Species.	Landscape use
Broad leaf evergreen shrubs		
1.	<i>Prunuslusitanica</i>	Shade/Shelter, Specimen, Screening, Wind break, City streets/road sides, Frame work
2.	<i>Skimmialaureola</i> .	Hedge, Specimen, Shrubbery
Narrow leaf evergreen shrubs		
1.	<i>Juniperusindica</i> .	Hedge, Screening, wind break, Frame work, Containers
2.	<i>Juniperusrecurva</i> .	Screening, wind break, Containers, Against walls, Rockery.

Table 5 : Deciduous and evergreen woody vines

Sr. No.	Species	Landscape use
Deciduous woody vines		
1.	<i>Humuluslupulus</i> .	Shade/Shelter, Screening, Frame work
2.	<i>Jasnumofficinale</i>	Screening, Frame work, Rockery
3.	<i>Rosa multiflora</i> .	Containers, Specimen
Evergreen woody vines		
1.	<i>Hederanepalensis</i> .	Hedge, Shade/Shelter, Screening, Wind break

Table 6: Ground covers (deciduous and evergreen shrubs)

Sr. No.	Species.	Landscape use
Deciduous shrubs		
1.	<i>Astragalusgrahamianus</i>	Shade/Shelter, Wind break, Avenue, Group planting
2.	<i>Berberisthunbergii</i> var. <i>atropurpurea</i>	Hedge, Shade/Shelter, Screening
3.	<i>Cotoneaster microphyllus</i>	Hedge, Shade/Shelter, Wind break, Rockery, Shrubbery, Group planting
4.	<i>Indigoferaheterantha</i>	Shade/Shelter, Specimen, Frame work, City streets/road sides
5.	<i>Prunus prostrate</i>	Shade/Shelter, Wind break, Avenue, Shrubbery, Group planting
6.	<i>Rosa foetida</i>	Shade/Shelter, Frame work, Shrubbery, City streets/road sides
7.	<i>Rosa webbiana</i>	Shade/Shelter, Screening, Frame work, Shrubbery, City streets/road sides
8.	<i>Rumexhastatus</i>	Shade/Shelter, Wind break, Avenue, City streets/road sides
9.	<i>Viburnum grandiflorum</i>	Hedge, Shade/Shelter, Wind break, Avenue,
Evergreen shrubs		
1.	<i>Skimmialaureola.</i>	Hedge, Shade/Shelter, Shrubbery

Table 7 : Ground covers (deciduous and evergreen woody vines)

Sr. No.	Species	Landscape use
Deciduous woody vines		
1.	<i>Humuluslupulus</i>	Hedge, Shade/Shelter, Specimen, Avenue
Evergreen woody vines		
1.	<i>Hederanepalensis</i>	Hedge, Specimen, Frame work, Group planting



Juniperus recurva



Juniperus indica



Acer caecium



Quercus baloot



Taxus baccata



Ailanthus altissima



Abies pindrow



Cedrus deodara



Pinus wallichiana



Picea smithiana

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